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## (54) POROUS FINE CELLULOSE GRANULE

### (57) Abstract:

PURPOSE: To provide the title novel granules of I crystal type, having developed fine pore structure and large specific surface area, excellent, as powder, in aut-offluidity and compression moldability, thus suitable for drug adsorption carriers, compression molding aids, fluidity improvers, etc.

CONSTITUTION: The objective granules of I crystal type,  $\geq 20\text{m}^2/\text{g}$  in specific surface area, having such porous structure as to be  $\geq 0.3\text{cm}^2/\text{g}$  in volume of fine pores  $\geq 0.01\mu\text{m}$  in size, and  $\leq 100\mu\text{m}$  in mean granular size. The granules can be obtained by dispersing in an organic solvent e.g., finely granular natural cellulose such as ramie having a crystal form of cellulose I followed by spray drying of the resultant slurry using a nitrogen gas-circulating type spray dryer.

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